

## **SYSTEM AND METHOD FOR DETERMINING AIRCRAFT TAPELINE ALTITUDE**

### **ABSTRACT OF THE DISCLOSURE**

A method, apparatus, and computer program product for accurately determining  
5 aircraft altitude, impact pressure, and calibrated air speed are provided. The determined results may be used for analysis in certification processes, used for building flight testing or simulation models that also may be used in certification processes, or used for other purposes such as data to be used in a flight simulator. Altitude information of an aircraft is determined based on recorded altitude information generated by an inertial navigation system (INS) of  
10 the aircraft and altitude information generated by a global positioning system (GPS) of the aircraft. A static pressure value is generated based on the determined altitude information.

